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(54) **Mn-Zn ferrite and coil component with magnetic core made of same**

(57) A Mn-Zn ferrite and a coil component are provided which obtains a low core loss in a frequency band above 1 MHz and even above 5 MHz and which can duly function in such a high frequency band. The Mn-Zn contains as basic components 44.00 to 50.0 mol% Fe₂O₃ (50 mol% excluded), 4.0 to 26.5 mol% ZnO, and

remainder MnO, and has a dielectric loss tan δ of 0.3 or less at 1 kHz, and a complex relative permittivity ϵ of 1,000 or less at 1 MHz, whereby a core loss decreases in the high frequency band.

EP 1 286 366 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 8308

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 August 2003	Examiner Stichauer, L
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 01 8308

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